

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12<sup>th</sup> St. SW  
Washington, DC 20554

Re: LightSquared Subsidiary, LLC  
Ex Parte Communication. IB Docket No. 11-109  
IBSF File No. SAT-MOD-20101118-00239

Dear Ms. Dortch,

I am a Professional Engineer / Licensed Land Surveyor. I am licensed in three (3) states and currently work in East Central Illinois. I own and utilize precision GPS equipment. I have clients that utilize GPS to document the location of their underground utilities.

The documented interference of the proposed LightSquared network on existing precision GPS equipment will significantly impact the Engineering Community, the Surveying Community, and utility companies with underground utility lines. Reliance upon GPS signals, which have been impacted by LightSquared, may permit excavation near these underground utility lines and may disrupt service to consumers, or damage nearby residents.

The current GPS system is a valuable national asset which benefits many industries and the general public. Industry has invested heavily in GPS technology. This technology cannot be replaced overnight. Failure to protect this national asset will require a prohibitive expenditure in replacement or upgraded GPS equipment, with no assurance that current accuracies can be maintained.

I request that the FCC review the latest LightSquared test results and deny LightSquared from implementing their network until such time that they have proven that their network cannot impact the precision GPS equipment. I further request that LightSquared should be directed to replace or upgrade existing precision GPS equipment in the event that LightSquared does demonstrate the availability of precision GPS equipment which is compatible with the proposed LightSquared network.

Thank you for your time and consideration. Please contact me if you have any comments or questions.

Roger Meyer P.E. L.S.  
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